

FIG. 1

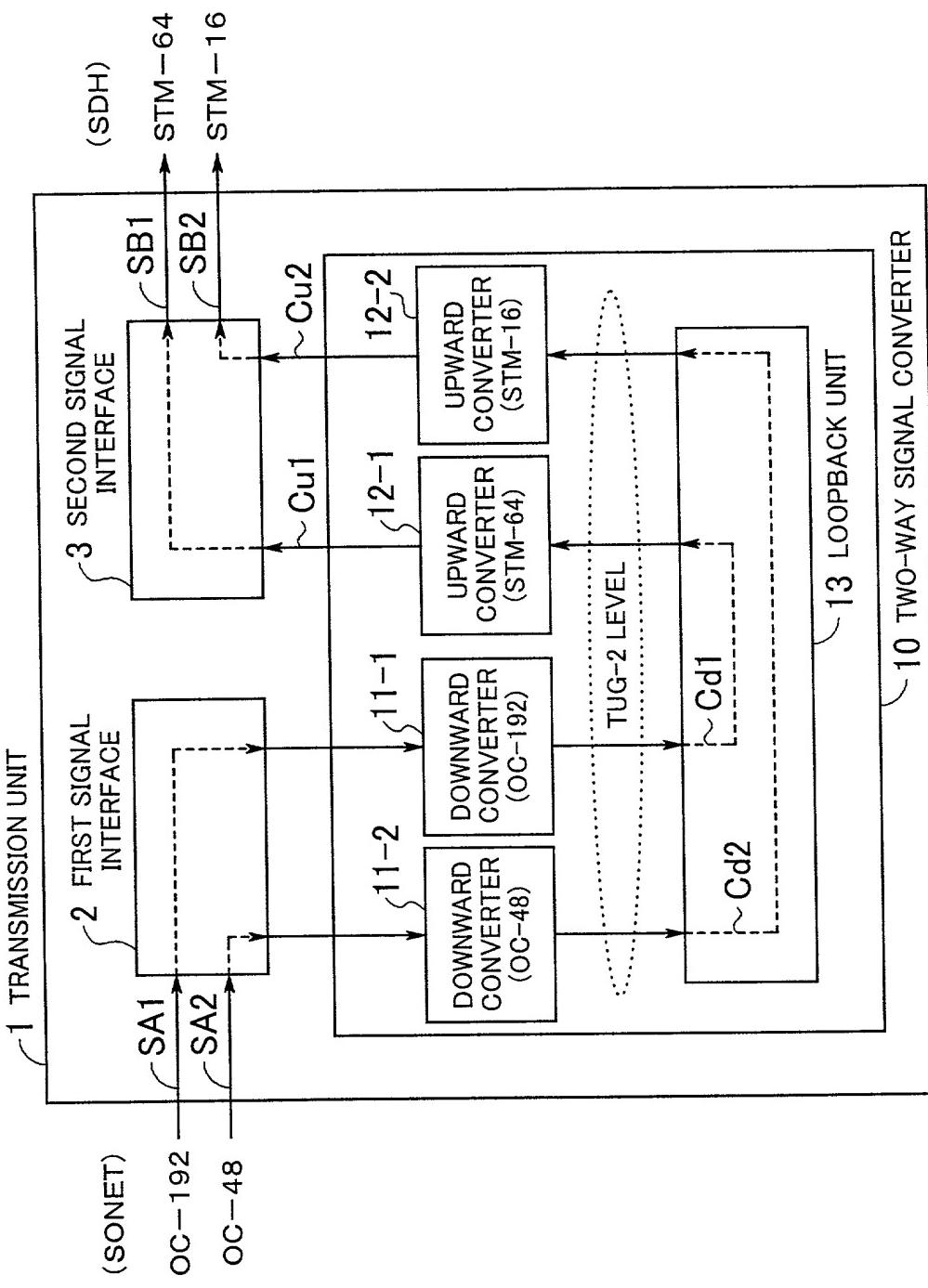
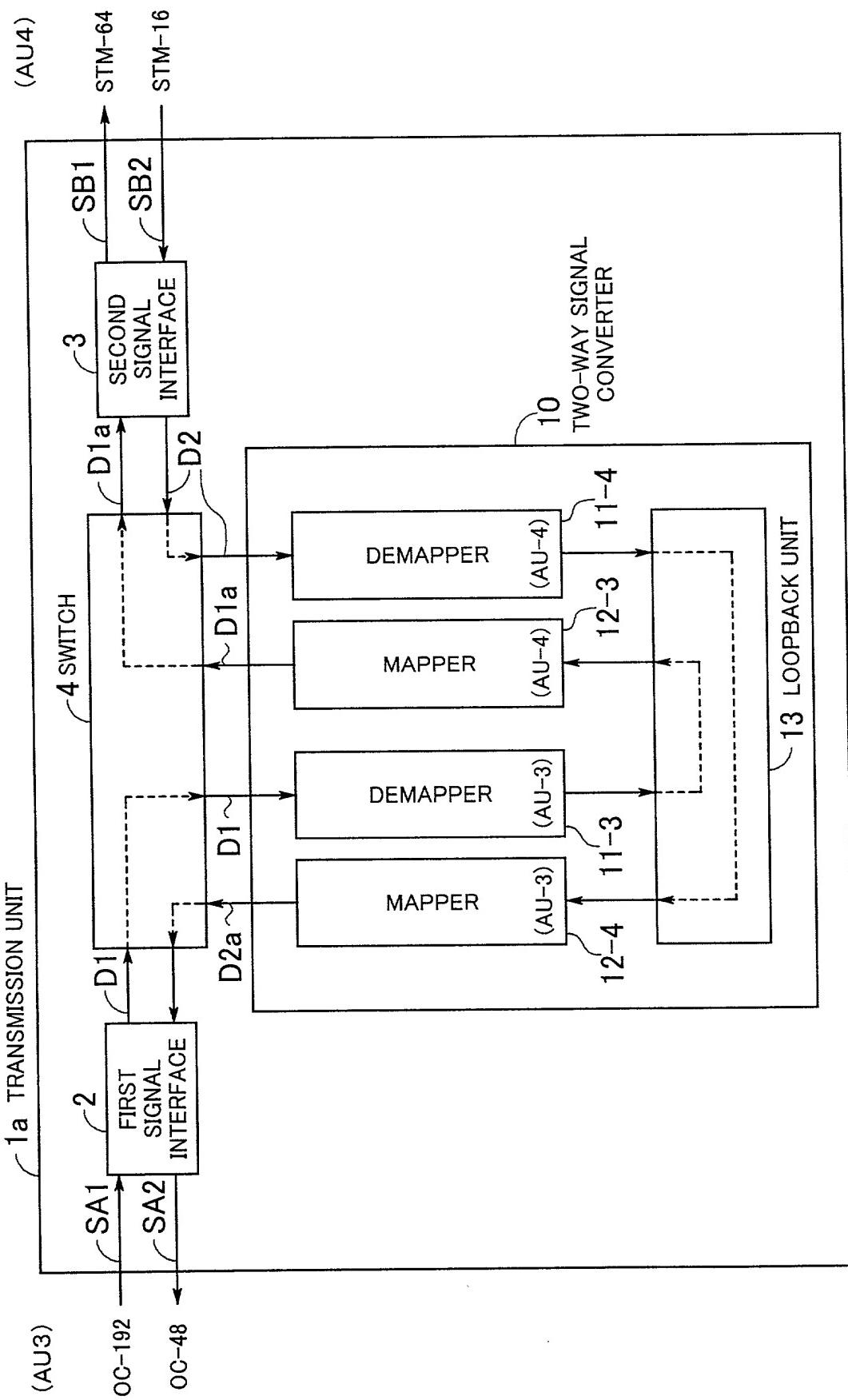
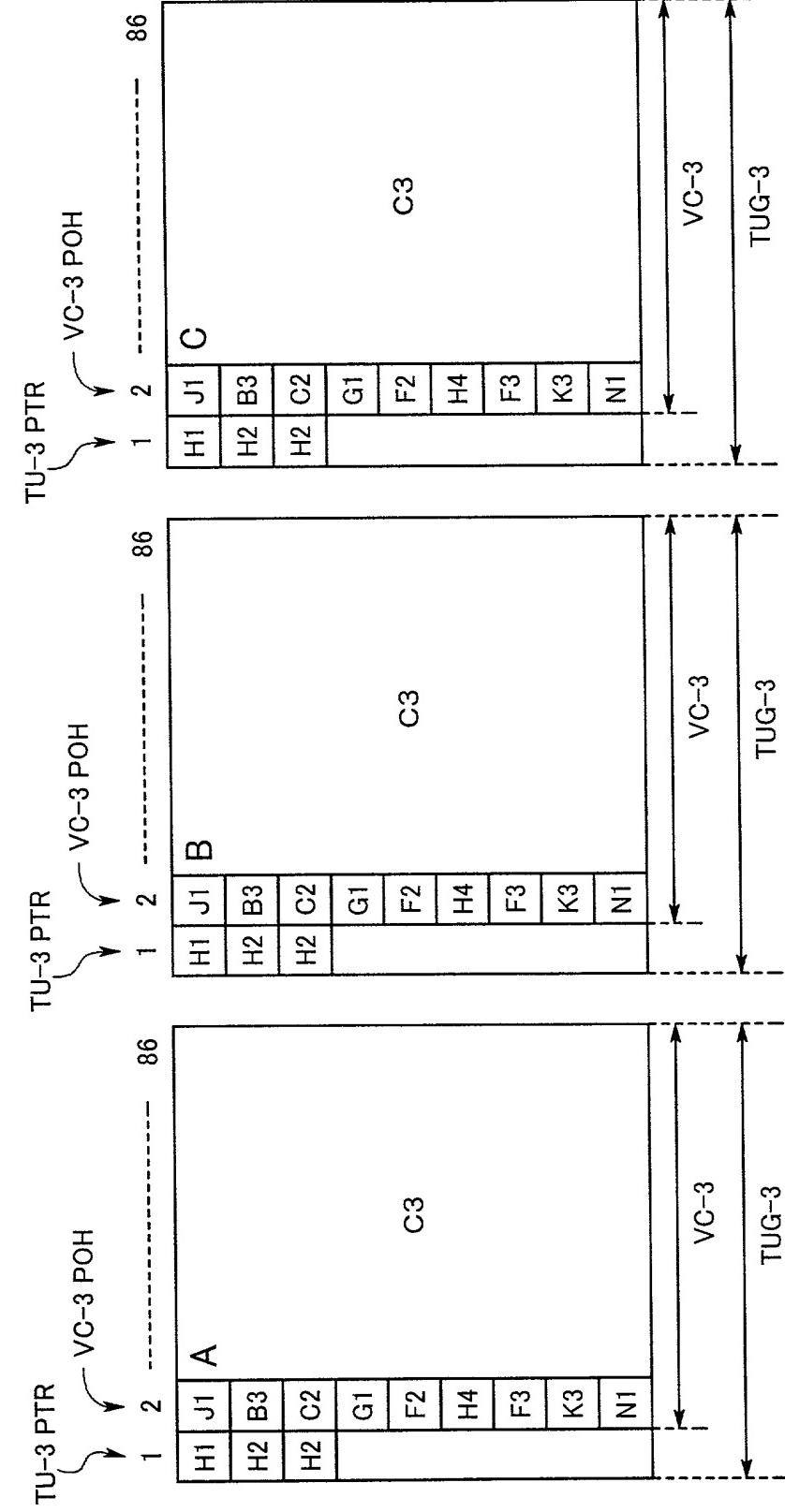


FIG. 2

FIG. 3



VC-3 FRAMES CONTAINED IN AU-4



(C-3)+(VC-3 POH)+(TU-3 POINTER)=VC-4

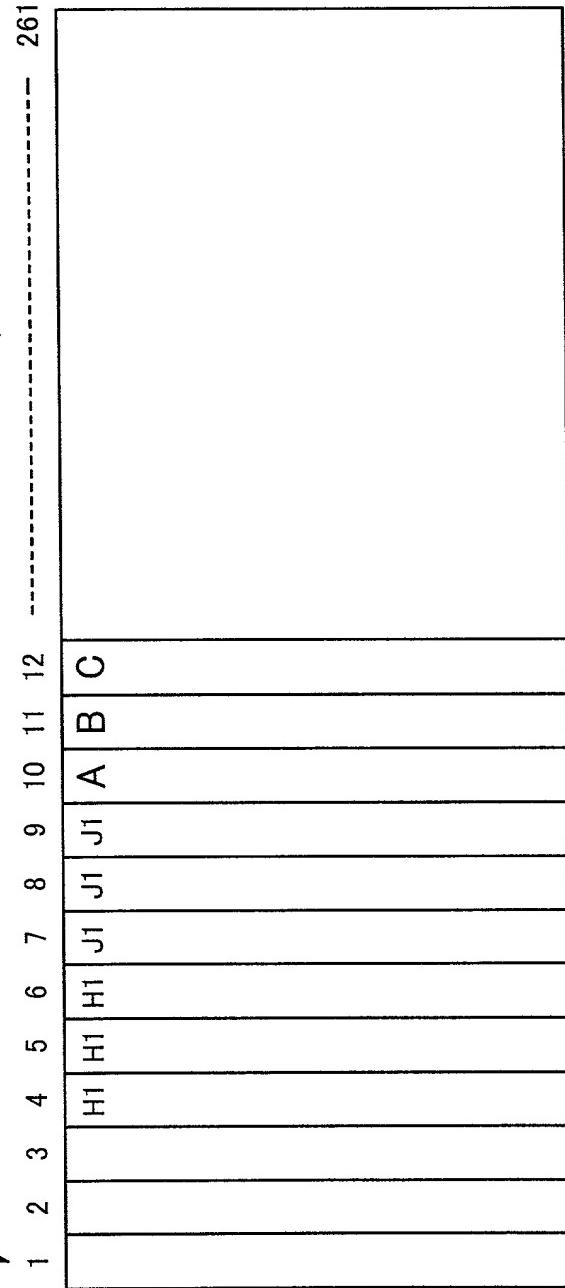
: Fixed Stuff

FIG. 4

C. G. BROWN, JR., AND R. C. HARRIS

VC-4 FRAME CARRYING THREE VC-3 FRAMES TO FORM AU-4

{T1}|G-3}*3+(VG-4 POINTERS)=VC-4



STUFF COLUMNS

FIG. 5

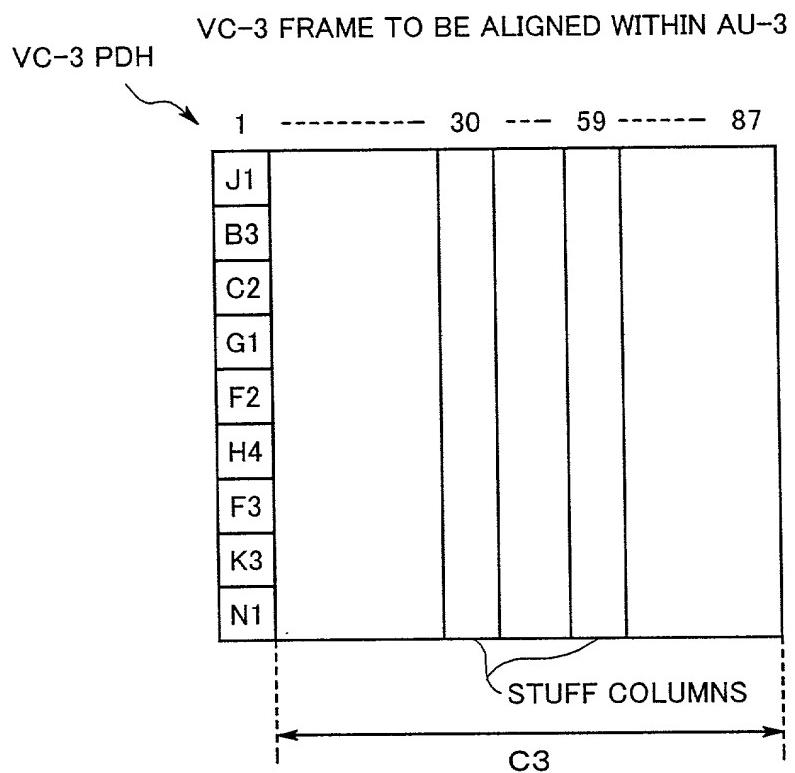


FIG. 6

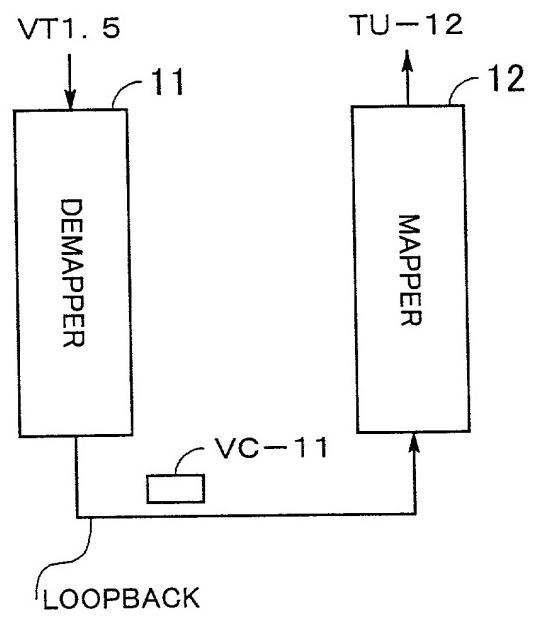


FIG. 7

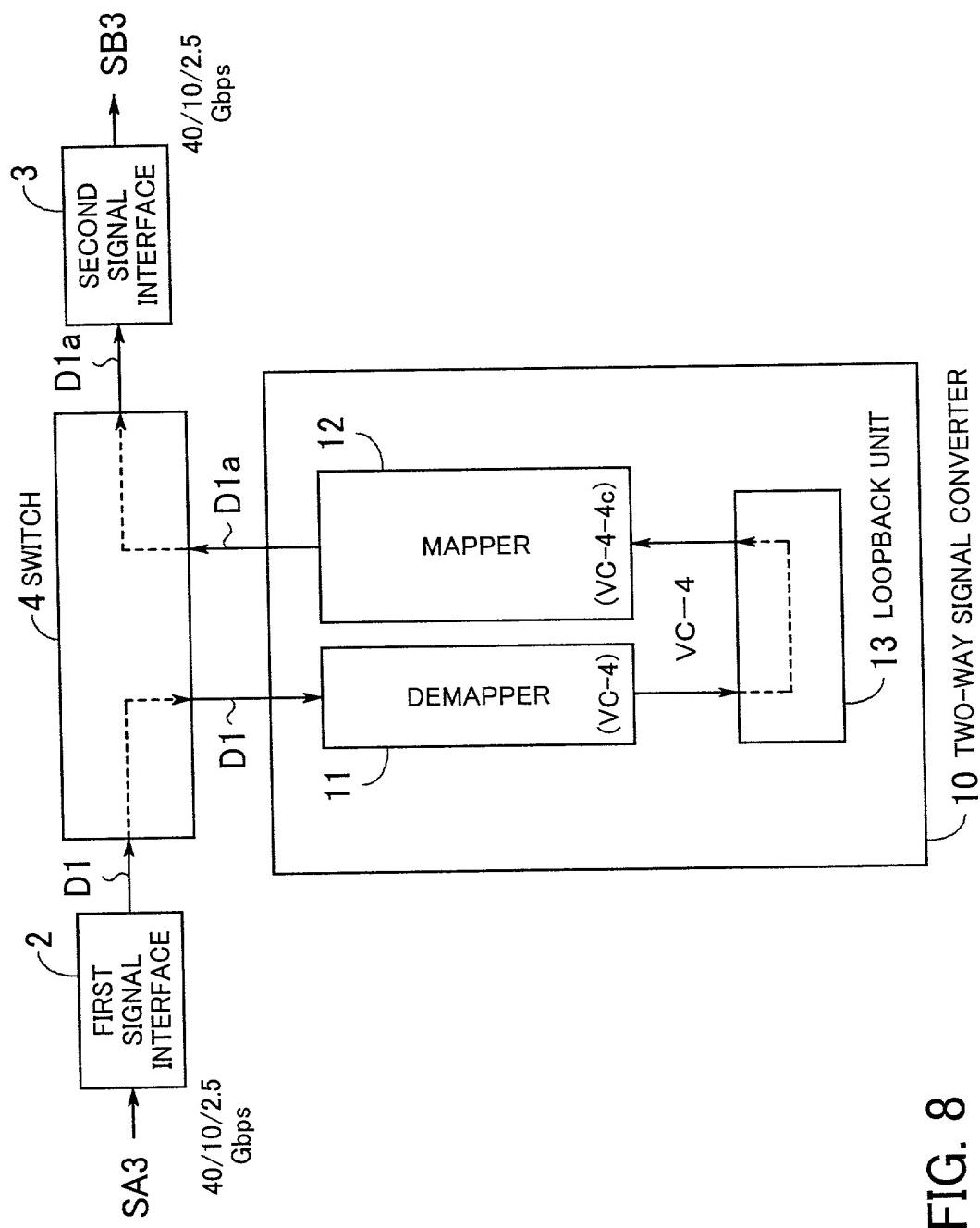


FIG. 8

10 TWO-WAY SIGNAL CONVERTER

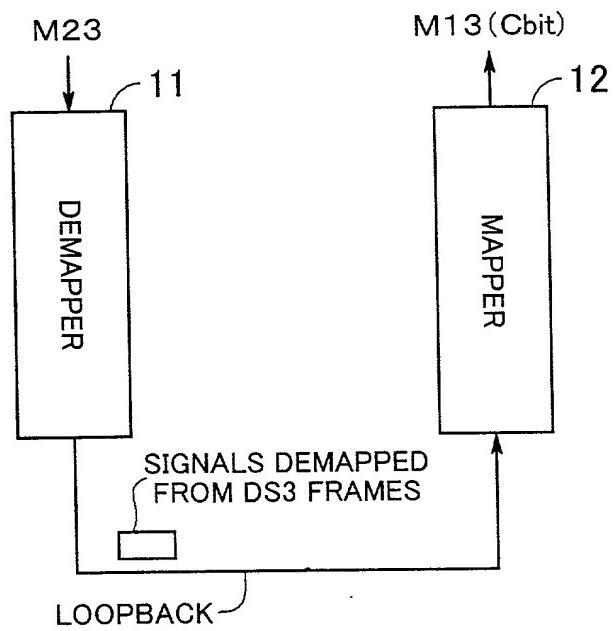


FIG. 9

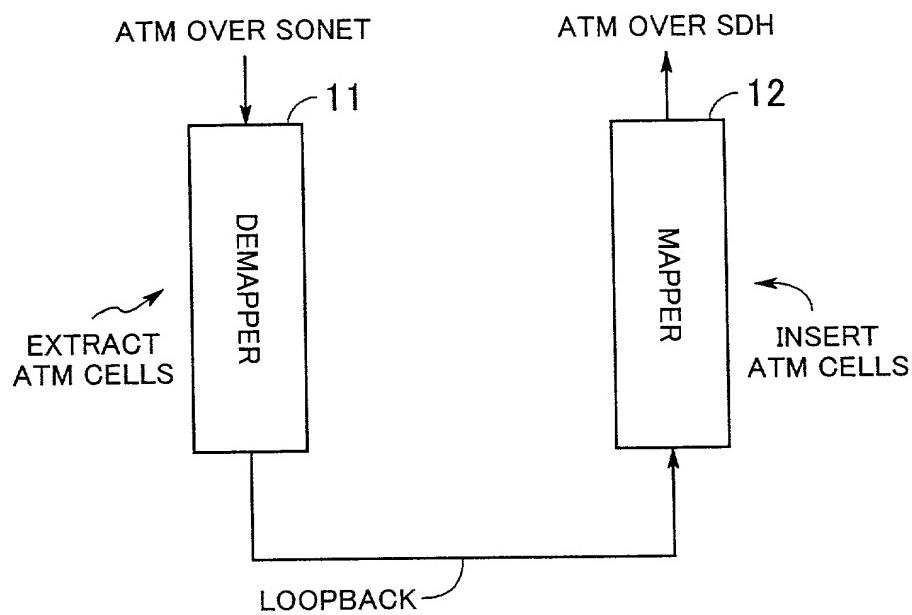


FIG. 10

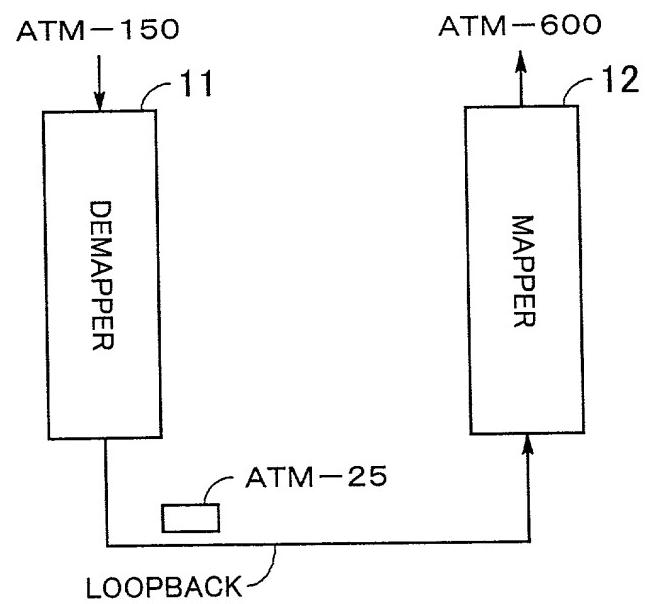


FIG. 11

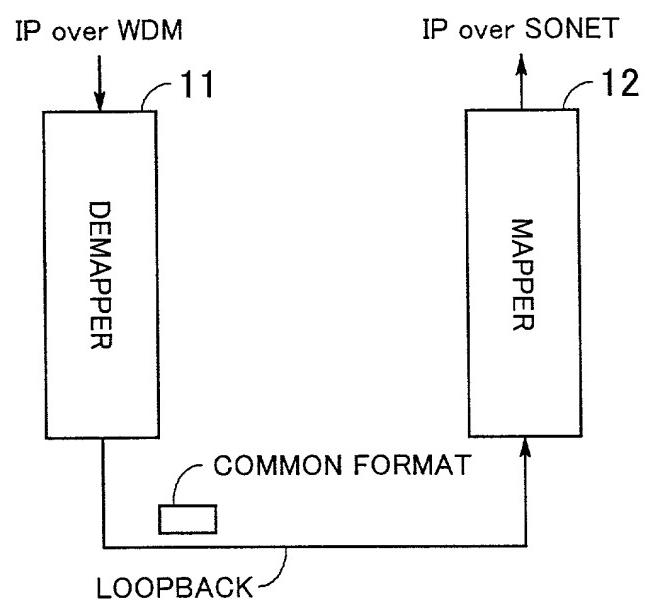


FIG. 12

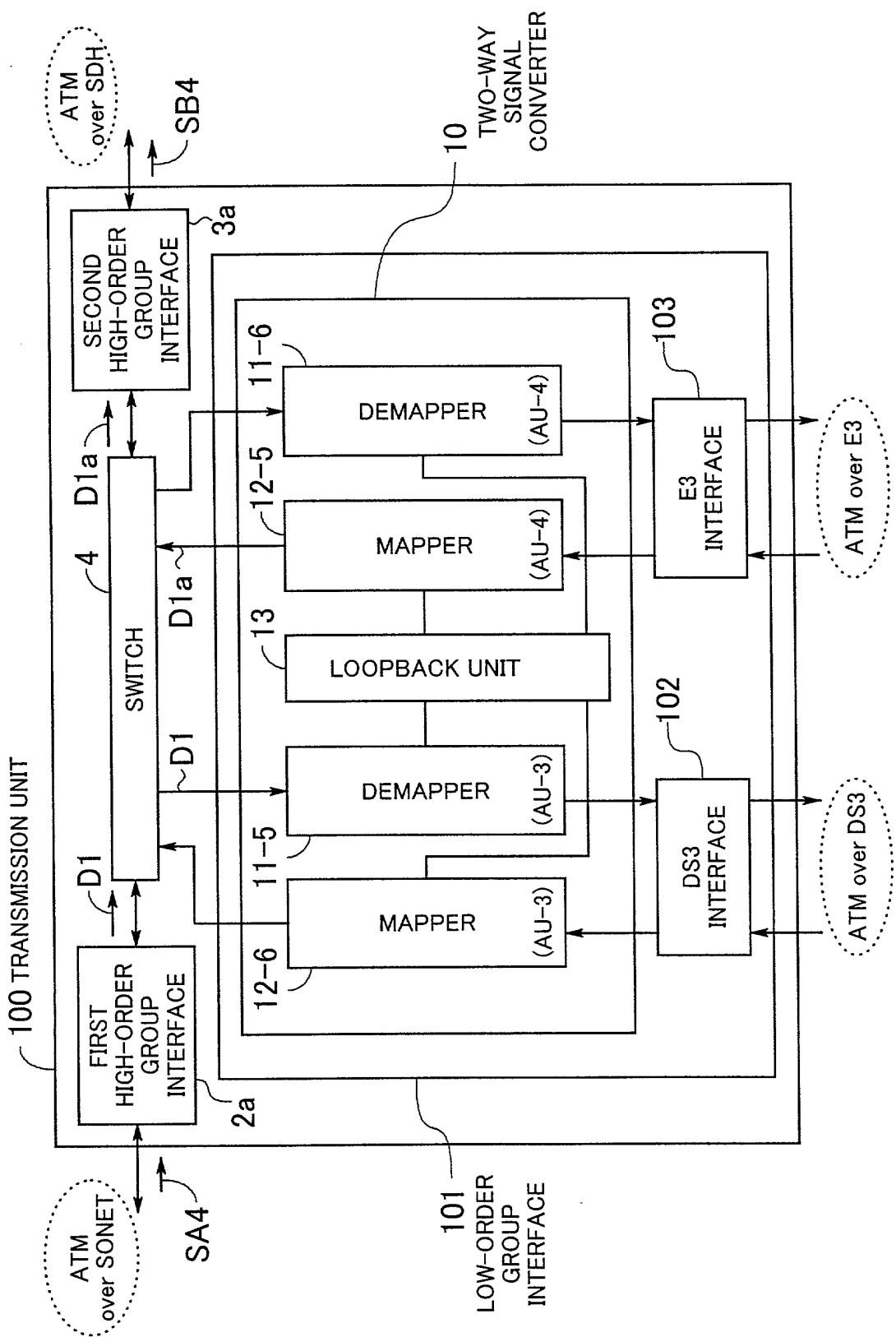
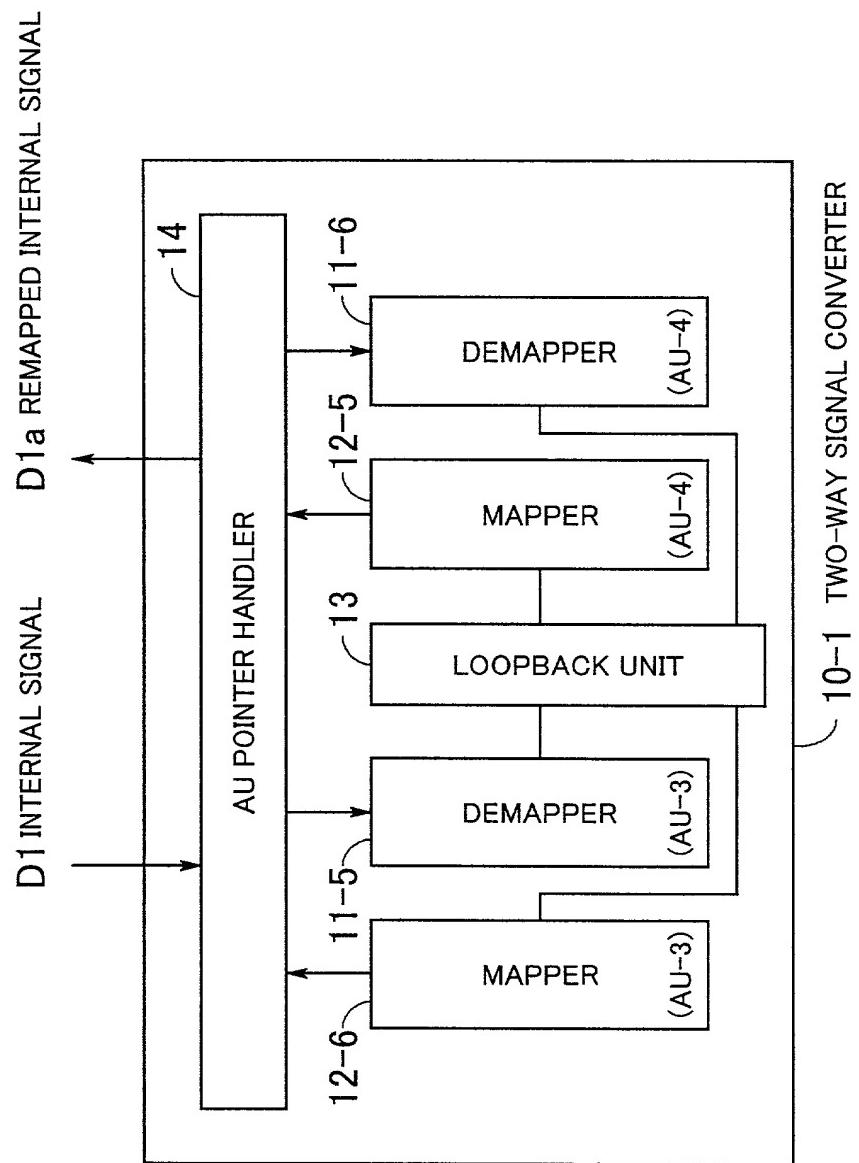


FIG. 13

FIG. 14



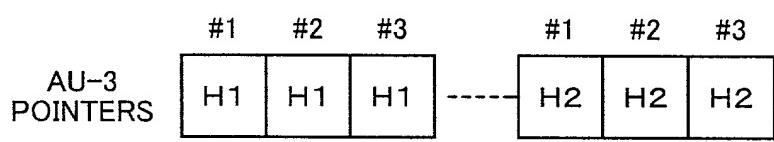


FIG. 15

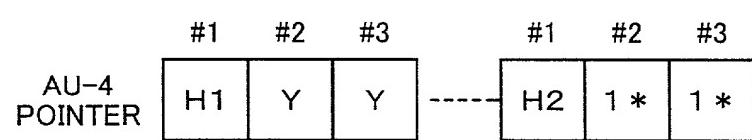


FIG. 16

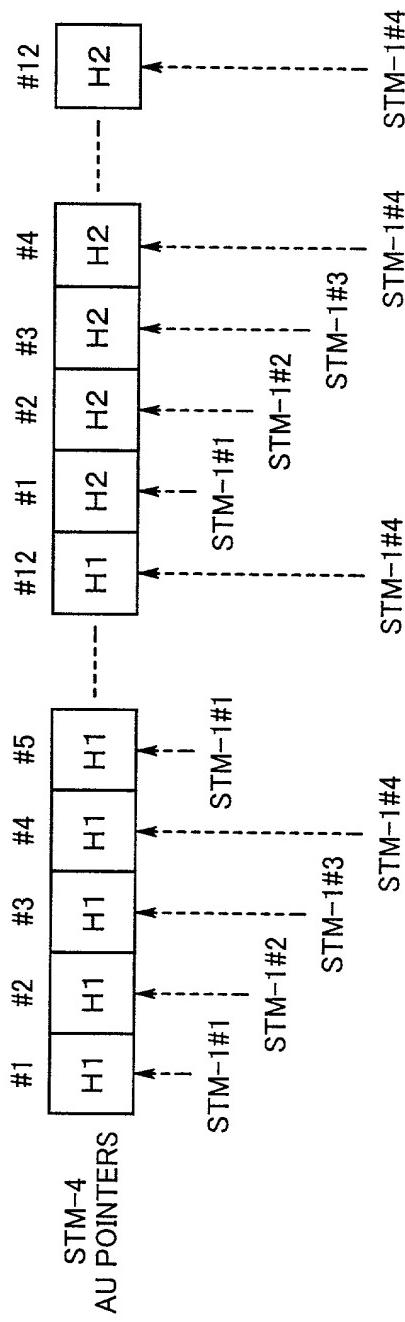
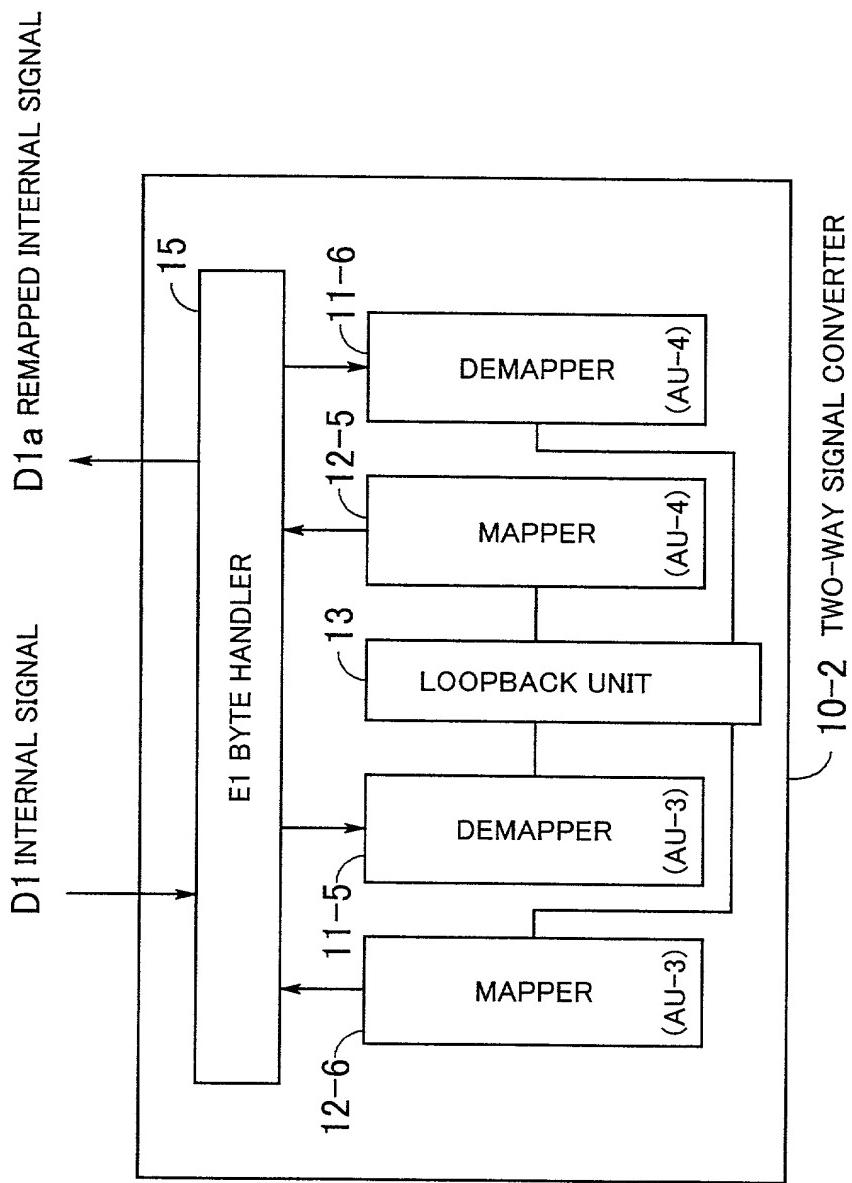


FIG. 17

FIG. 18



STM-4 FRAME OVERHEAD FORMAT USED INSIDE THE UNIT

	#1	#2	#3	#12	#1	#2	#3	#12	#1	#2	#3	#12
A1	A1	A1	A1	A2	A2	A2	A2	A2	A2	A2	A2	A2
B1	—	—	—	E1	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—
H1	H1	H1	H1	H2	H2	H2	H2	H2	H3	H3	H3	H3
—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—

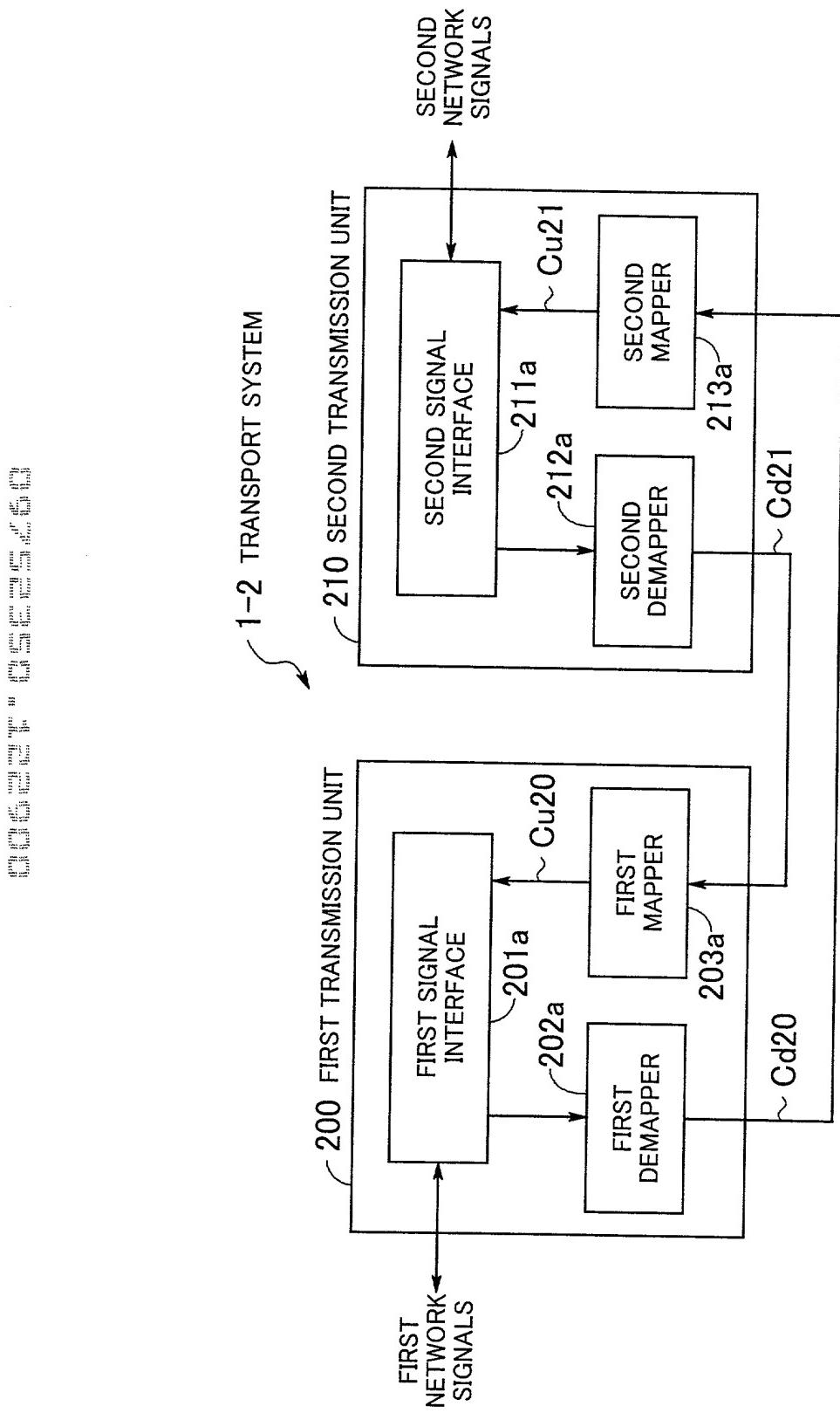
— : ALL 0

FIG. 19

BIT#	DEFINITION	STATE
1, 2	UNUSED	0
3	AU-4-16c (STS-48c)	1: CONCATENATED
4	AU-4-4c (STS-12c)	1: CONCATENATED
5	AU-4(STS-3c) #4	1: CONCATENATED
6	AU-4(STS-3c) #3	1: CONCATENATED
7	AU-4(STS-3c) #2	1: CONCATENATED
8	AU-4(STS-3c) #1	1: CONCATENATED

FIG. 20

FIG. 21



1-3 TRANSPORT SYSTEM

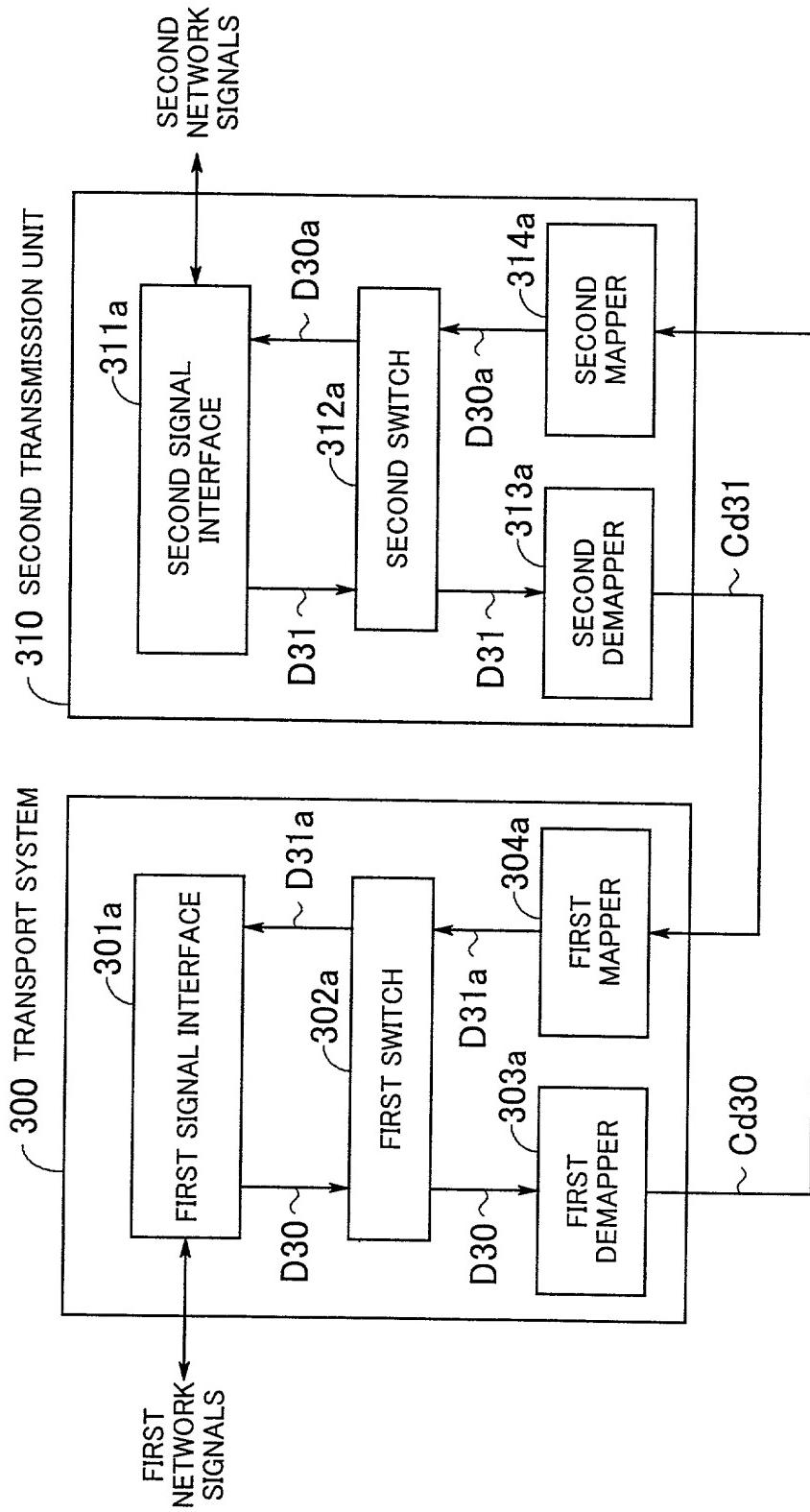


FIG. 22

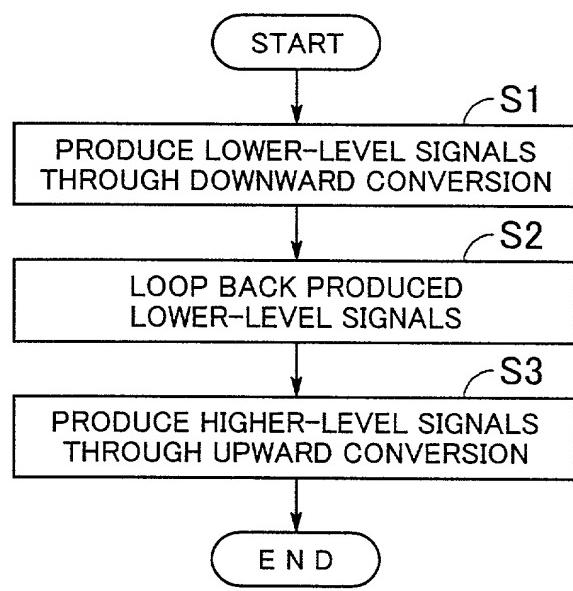


FIG. 23

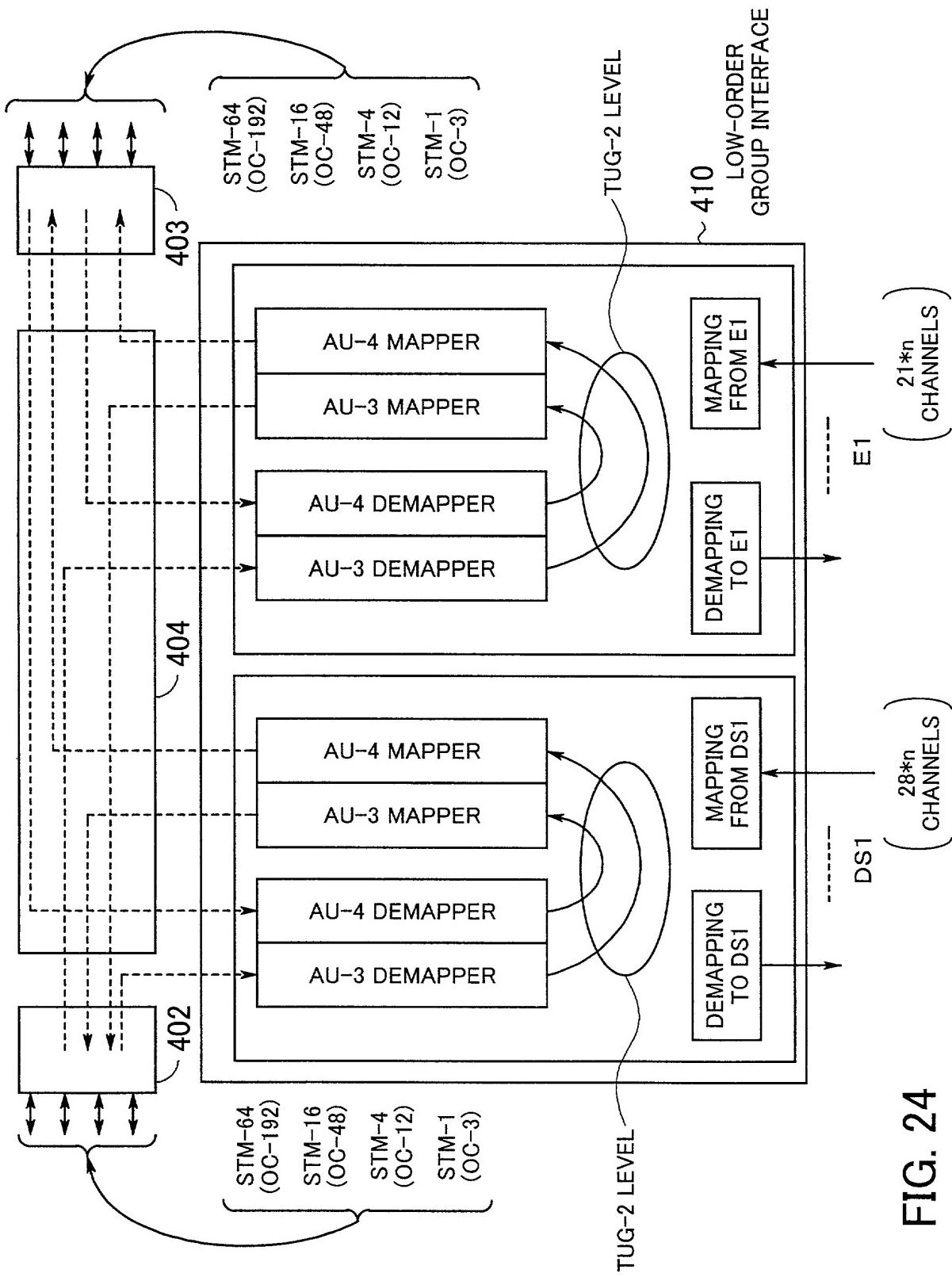


FIG. 24

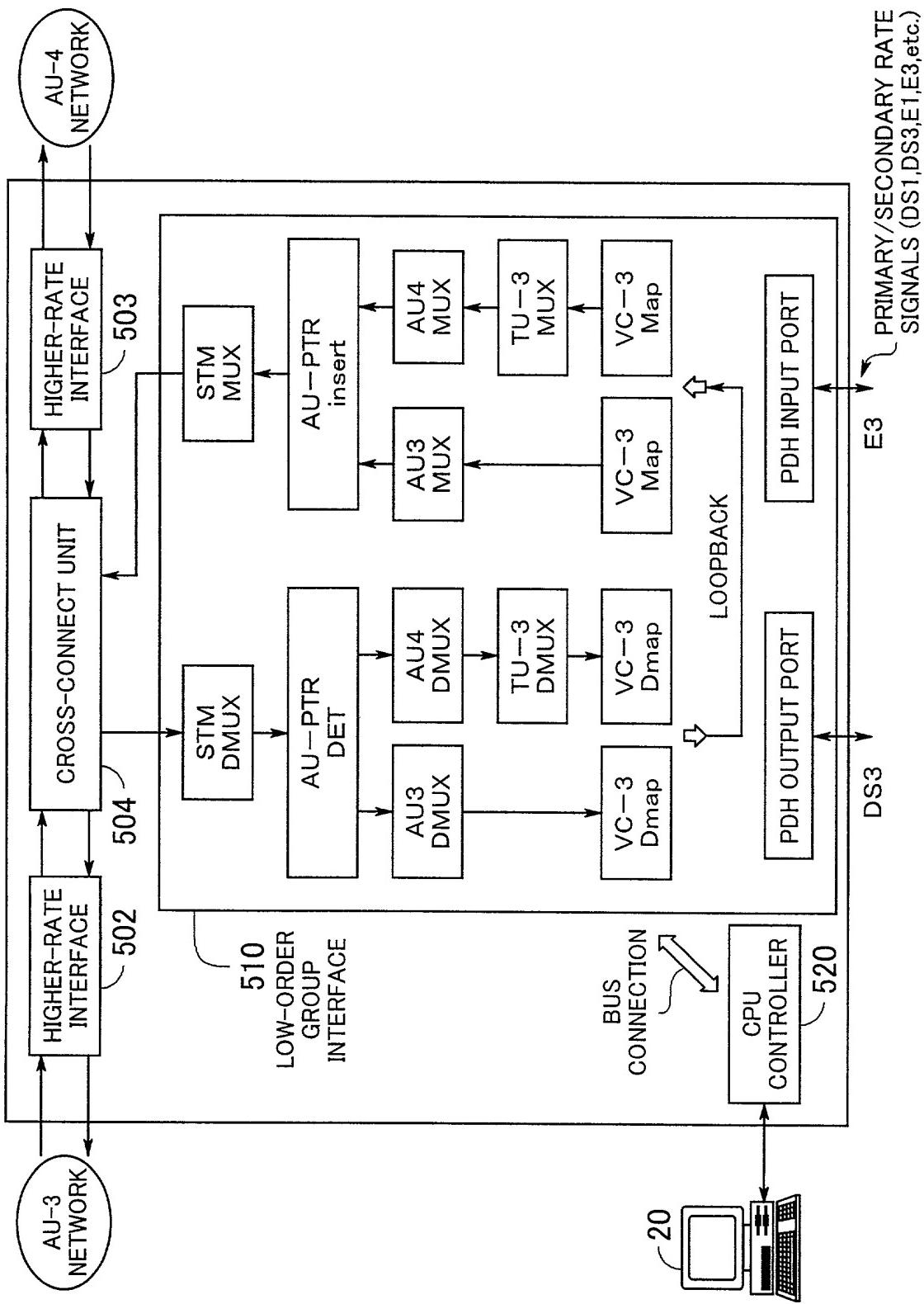


FIG. 25

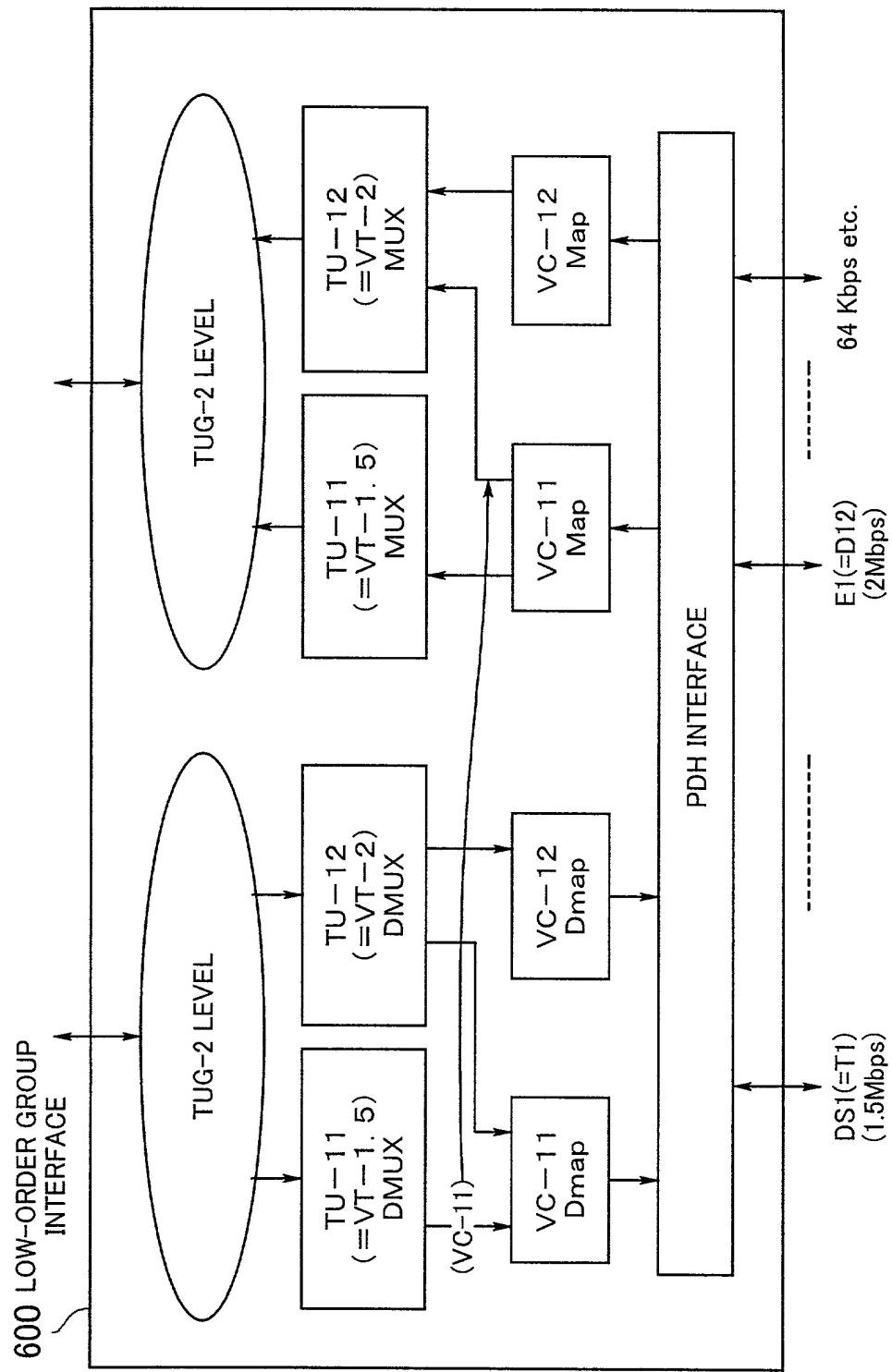


FIG. 26

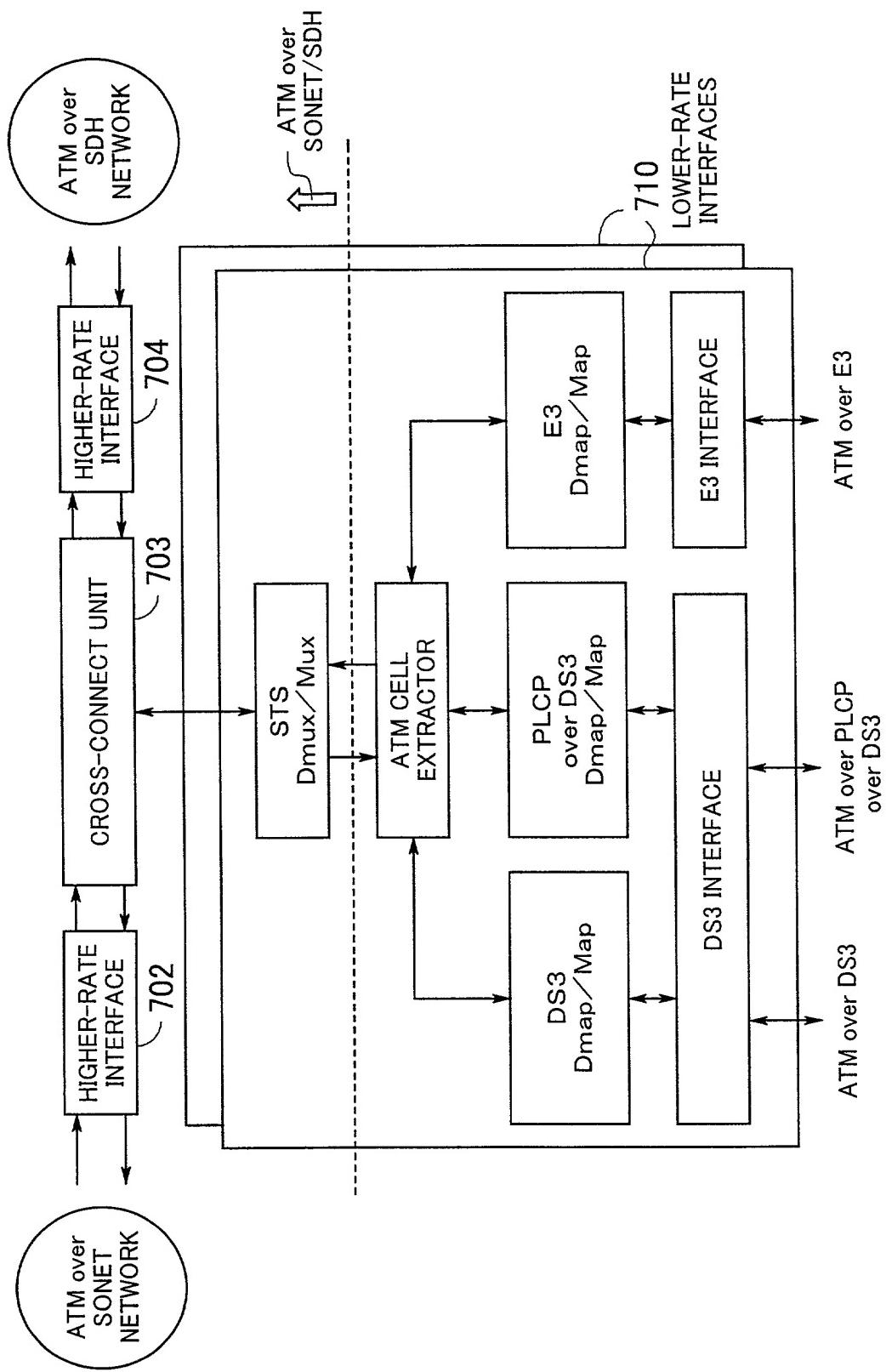


FIG. 27

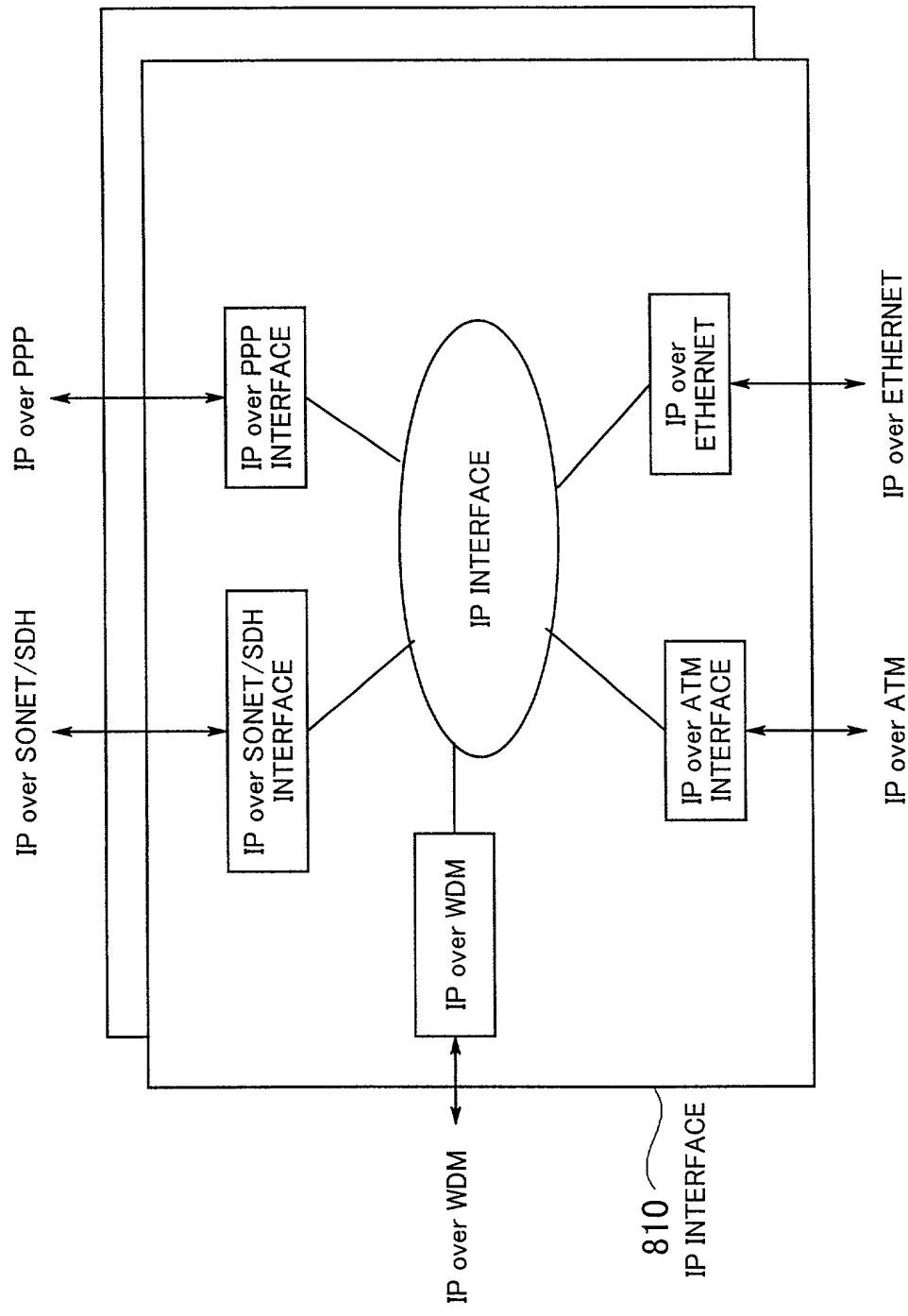


FIG. 28